

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Karen UHLMANN et al ) Confirmation No. 4952  
Appn. No.: 10/823,784 ) Examiner: Amanda M. Shaw  
Filed: April 14, 2004 ) Art Unit: 1634  
For: METHOD OF DETECTING )  
EPIGENETIC BIOMARKERS..... ) ATTY. DKT: 3035-101

## Declaration by Heide Ritter

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I, Heide Ritter, am a co-author of the following publications:

**Uhlmann et al., "Evaluation of a potential epigenetic biomarker by quantitative methyl-single nucleotide polymorphism analysis," Electrophoresis 23, pp. 4072-4079 (Dec. 2002)**

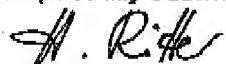
**Uhlmann et al., "Evaluation of a potential epigenetic biomarker by quantitative SNP analysis of bisulfite treated DNA," Poster presented at Human Genom Meeting (HGM) in Shanghai (April 17, 2002).**

**Uhlmann et al., "Evaluation of a potential epigenetic biomarker by quantitative SNP analysis of bisulfite treated DNA," Abstract published in conjunction with the Human Genom Meeting (HGM) in Shanghai (April 14-17, 2002).**

I hereby declare that I took part in reducing the subject matter disclosed in the above referenced publication, poster and abstract (hereinafter "publications") to practice, but that I acted under the direction and supervision of Karen Uhlmann, Peter Nürnberg and/or Anja Brinckmann. On information and belief, the definite and permanent idea of the complete and operative technique referred to in these publications as "PyroMeth" was formed by Karen Uhlmann, Peter Nürnberg and/or Anja Brinckmann, which were named as inventors in the patent application referred to above.

I, Heide Ritter, declare that all statements made herein that are based on my own knowledge are true and all statements made on information and belief are believed to be true. I acknowledge that willful false statements are punishable by fine or imprisonment, or both (18 U.S.C. §1001) and may jeopardize the validity of the application or any patent issuing thereon.

Respectfully submitted,



Heide Ritter, co-author

Date: April 22, 2008